

LISTING SHOWING THE AMENDMENT TO THE CLAIMS

This listing replaces all prior listings of claims.

IN THE CLAIMS

Amend the claims as follows:

1 (Original). A polymer mixture, the polymer mixture having semiconductive properties, the mixture comprising: and

- one or more semiconductive polymers; and
 - one or more non-semiconductive polymers
- being present in the polymer mixture.

2 (Original). The polymer mixture as claimed in claim 1 wherein,
~~characterized in that the semiconductive polymer/~~ the semiconductive polymers
include at least one of the group consisting of ~~is/are~~ polythiophene, polyfluorene
and/or polythienylenevinylene.

3 (Currently amended). The polymer mixture as claimed in claim 1 wherein either
~~of the preceding claims, characterized in that the non—semiconductive polymer/the~~
non-semiconductive polymers ~~is/are~~ are selected from the group consisting of at
least one of polystyrene, polymethyl methacrylate, cymel and/or poly isobutyl.

4 (Currently amended). The polymer mixture as claimed in claim 1 including any of
~~the preceding claims, characterized in that it contains solvents~~ including at least one
of, in particular chloroform, toluene, ketones, dioxane and/or heptane.

5 (Currently amended).. The polymer mixture as claimed in claim 1 wherein any of
~~the preceding claims, characterized in that it additionally contains molecules which~~

are smaller than polymers, in particular oligomers, conductive molecules and/or semiconductive molecules.

6 (Currently amended). The polymer mixture as claimed in claim 1 wherein any of the preceding claims, characterized in that it further includes consists of said substances and customary additives.

7 (Currently amended). The polymer mixture as claimed in claim 1 wherein any of the preceding claims, characterized in that it has a viscosity of more than 8 mpa.s, in particular of more than 80 mPa.s.

8 (Currently amended). A printing process for the production of a semiconductive double layer by a known process, selected from such as the group consisting of at least one of the screen printing, flexographic printing, offset printing, gravure printing and/or pad printing process, the a polymer mixture as claimed in claim 1 any of the preceding claims being used as a print medium in the known process.

9 (Currently amended). A printing process for the production of a semiconductive double layer by a known process, selected from such as the group consisting of the screen printing, flexographic printing, offset printing, gravure printing and/or pad printing process, the double layer produced by printing the printing medium containing

- one or more semiconductive polymers in a first of one of its layers,
- one or more non-semiconductive polymers in a second of its other layers.

10 (Currently amended). The printing process for the production of a double layer

as claimed in claim 9, in which a polymer mixture as claimed in ~~any of claims 1 to 7~~ is used.

11 (Currently amended). An electronic component, ~~in particular circuit,~~ which is produced using a polymer mixture as claimed in claim 1 ~~any of claims 1 to 7 and/or~~ has a double layer as claimed in claim 9.

Add the following claims:

12 (new). An electronic component which is produced using a polymer mixture that forms a double layer as claimed in claim 9.

13. (new). An electronic component which is produced using a polymer mixture as claimed in claim 2.

14. (new). An electronic component which is produced using a polymer mixture as claimed in claim 3.

15 (new). An electronic component which is produced using a polymer mixture as claimed in claim 4.

16. (new). An electronic component which is produced using a polymer mixture as claimed in claim 5.

17. (new). An electronic component which is produced using a polymer mixture as claimed in claim 6.

18. (new). An electronic component which is produced using a polymer mixture as claimed in claim 7.

19 (new) The printing process for the production of a double layer as claimed in claim 9, in which a polymer mixture as claimed in claim 2 is used.

20 (new) The printing process for the production of a double layer as claimed in claim 9, in which a polymer mixture as claimed in claim 3 is used.